

CLAIMS:

1. A computer game controller comprising means for suspending a player, in a support means such as a chair, harness or the like, from a bearing means, the bearing
5 means including a control means for inputting position signals to a computer to control the movement of a sprite such as a vehicle or character, in a computer game, the bearing allowing side to side, forwards and backwards, and rotational movement of the player about the bearing and including selectively operable locking means for preventing either rotational movement or side to side and forwards and backwards
10 movement, the arrangement being such that movement of the player's body may move the chair or harness to control the sprite in the computer game, the controller, further including resistance means for increasing the resistance to movement of the support means relative to the bearing, thereby providing physiotherapy exercise for the player.
2. A computer game controller as claimed in claim 1 wherein the means for
15 suspending a player comprises a frame and wherein a handlebar means which can be grasped by the player in use is attached to the frame.
3. A computer game controller as claimed in claim 2 wherein the position of the handlebar means is adjustable.
4. A computer game controller as claimed in any one of claims 1 to 3 wherein the
20 control means is of the joy stick type or of a rotational control wheel type.
5. A computer game controller as claimed in any one of claims 1 to 4 wherein game control means, other than movement control means for the sprite, are located on handle bars, steering wheel or other control means that are operable by a player's hands.
6. A computer game controller as claimed in any one of claims 2 to 5 wherein the
25 frame is a tripod.
7. A computer game controller as claimed in any one of claims 2 to 6 wherein the frame may be folded down, dis-assembled or otherwise collapsed for storage and transport.
8. A computer game controller as claimed in any one of claims 1 to 7 wherein the
30 player is suspended in a chair and wherein the chair includes an adjustable foot rest.
9. A computer game controller as claimed in any one of claims 2 to 7 wherein the resistance means comprise an elastomeric strap extending between the frame and the support means.
10. A computer game controller comprising:
35 a frame having a head incorporating a bearing means;

support means for suspending a player from the bearing means, the bearing means including a position control means for inputting position signals to a computer for controlling the movement of a sprite such as a vehicle or character in a computer game being played on the computer;

- 5 handlebar means which may be fixed relative to the frame and grasped by the player;

further including resistance means for increasing the resistance to movement of the support means relative to the bearing;

- 10 the arrangement being such that movement of the player grasping the handlebar means and moving their body may cause rotational, side to side or back and forth movement of the bearing causing a corresponding movement in the control means with the resistance means increasing the effort required by the player to move the support means thereby providing physiotherapy or exercise to the player.

11. A computer game controller as claimed in claim 10 wherein the position control
15 means is of the joy stick type or a rotational wheel type.

12. A computer game system for playing a computer game comprising a computer console, a display means for displaying a game being played on the computer game system, and a game controller as claimed in any preceding claim wherein movement of the body of a player suspended from the game controller is arranged to cause
20 movement of a sprite in the game being played.